Online Course Registration System

(Group I)

Group Members

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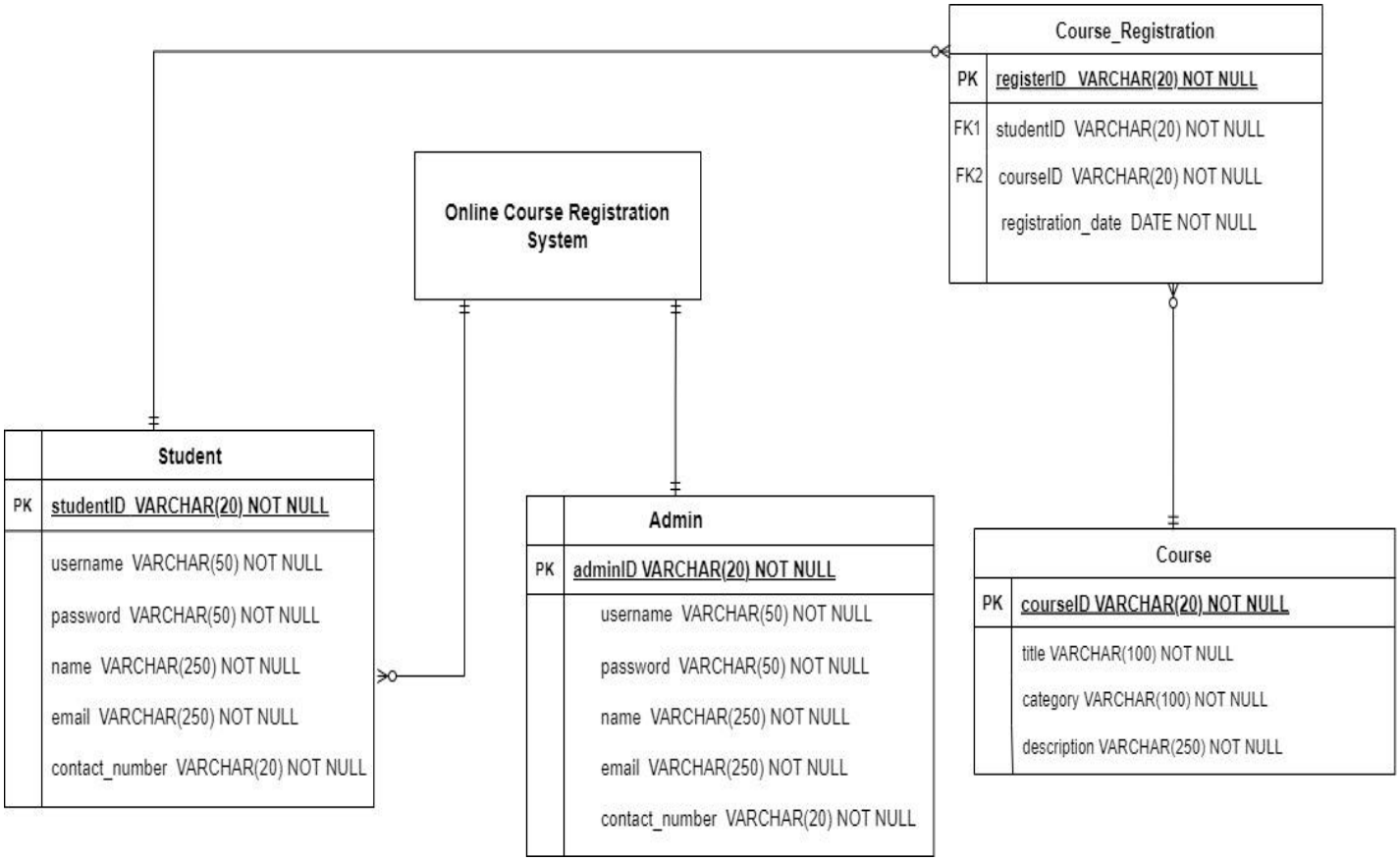
ER Diagram


Course_Registration
PK registerID VARCHAR(20) NOT NULL
FK1 studentID VARCHAR(20) NOT NULL
FK2 courseID VARCHAR(20) NOT NULL
registration_date DATE NOT NULL
Online Course Registration System
Student
PK studentID VARCHAR(20) NOT NULL
username VARCHAR(50) NOT NULL
password VARCHAR(50) NOT NULL
name VARCHAR(250) NOT NULL
email VARCHAR(250) NOT NULL
contact_number VARCHAR(20) NOT NULL
Admin
PK adminID VARCHAR(20) NOT NULL
username VARCHAR(50) NOT NULL
password VARCHAR(50) NOT NULL
name VARCHAR(250) NOT NULL
email VARCHAR(250) NOT NULL
contact_number VARCHAR(20) NOT NULL
Course
PK courseID VARCHAR(20) NOT NULL
title VARCHAR(100) NOT NULL
category VARCHAR(100) NOT NULL
description VARCHAR(250) NOT NULL

Assumptions

01. Three main entities in this Online Course Registration System.
    1. **User** - Both the admin and the Students who wish to register for the courses are login as user. Only the adminID and the studentID going to specify them from each other.
    2. **Course_Registration**
    3. **Course**
02. Only one Admin in the system.
03. System can have zero or many students.
04. A Student can have zero or more course registrations and a course registration can be done by one student.
05. A course can have zero or multiple course registrations and a course registration can have only one course.
06. There is no direct relationship between the Student and Course entities, they may interact through the system's functionality rather than directly.